

## ABSTRACT

Independently controlling the transmitted power of each subchannel by  
5 a subchannel control loop is described. A transmitting station generates a  
channel made up of a sum of subchannels wherein each subchannel or group of  
subchannels is amplified with a unique gain value that is varied in accordance  
with subchannel power control messages from the receiving station. The  
receiving station generates each subchannel power control message subsequent  
10 to monitoring and calculating metrics based on that received subchannel.